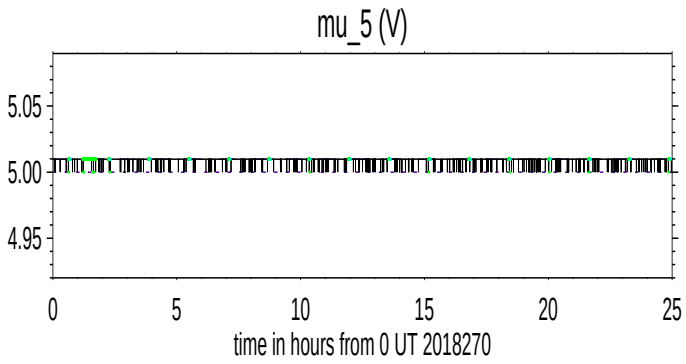
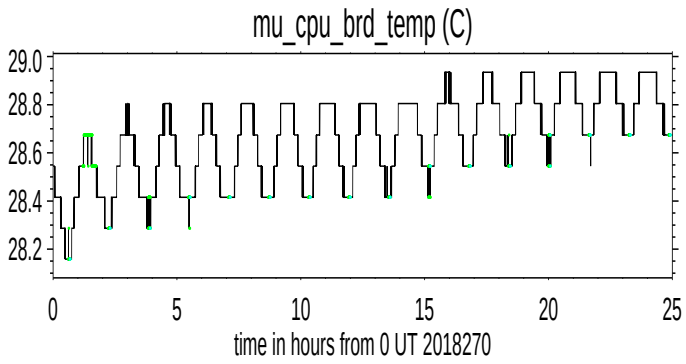
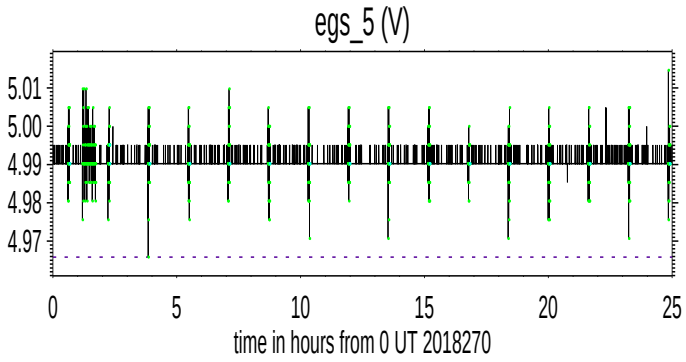
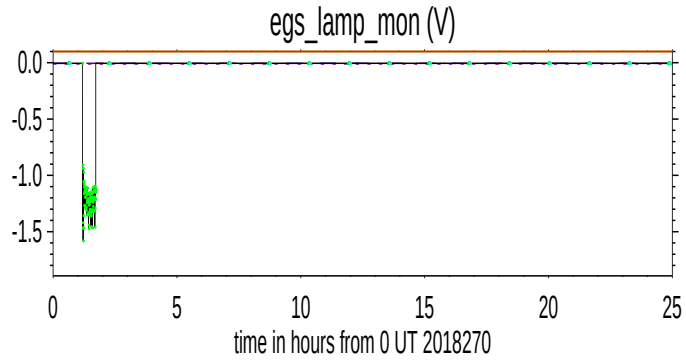
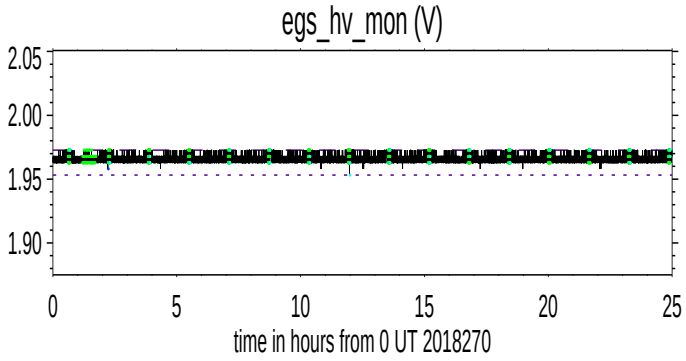
```
Information for      2018270
06:42:32.001: see_stat[1]: 7 internal error
09:56:40.001: see_stat[1]: 8 internal error
21:58:18.377: hk: 6 cmd pkt accepted   cmd = ODCs Loaded
21:58:33.377: hk: 9 cmd pkt accepted   cmd = ODCs Loaded
21:58:48.377: hk: 3 cmd pkt accepted   cmd = ODCs Loaded
```

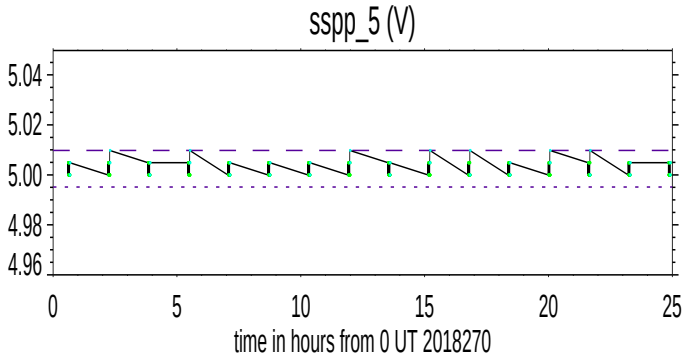

mu_5 (V)
5.05
5.00
4.95
0
5
10
15
20
25
time in hours from 0 UT 2018270

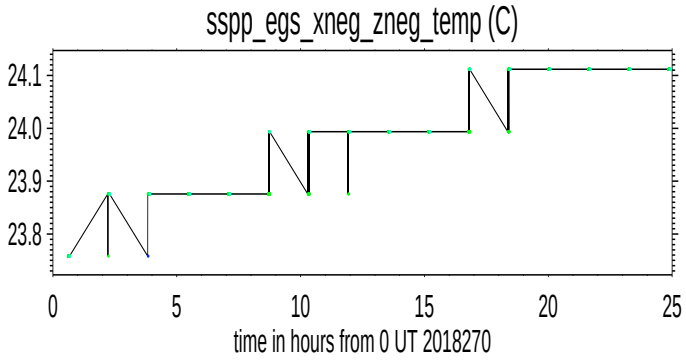

mu_cpu_brd_temp (C)
29.0
28.8
28.6
28.4
28.2
0
5
10
15
20
25
time in hours from 0 UT 2018270

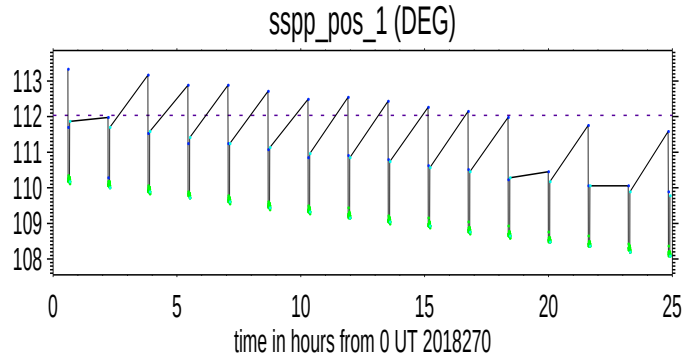

egs_5 (V)
5.01
5.00
4.99
4.98
4.97
0
5
10
15
20
25
time in hours from 0 UT 2018270

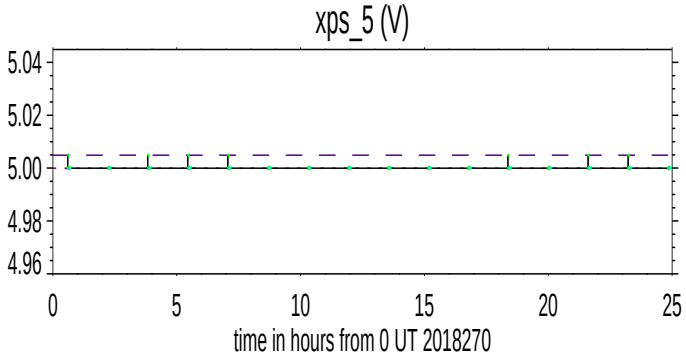

egs_lamp_mon (V)
0.0
-0.5
-1.0
-1.5
0
5
10
15
20
25
time in hours from 0 UT 2018270

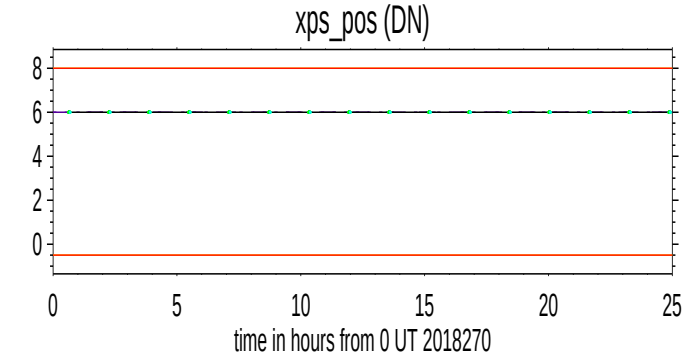

egs_hv_mon (V)
2.05
2.00
1.95
1.90
0
5
10
15
20
25
time in hours from 0 UT 2018270

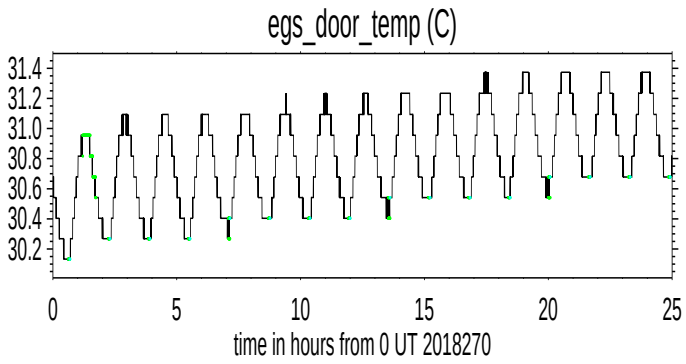

sspp_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018270

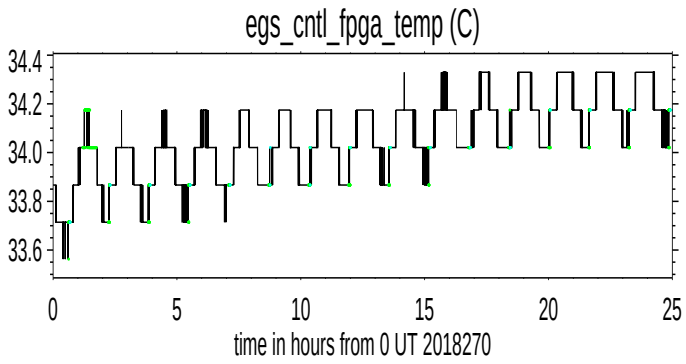

sspp_egs_xneg_zneg_temp (C)
24.1
24.0
23.9
23.8
0
5
10
15
20
25
time in hours from 0 UT 2018270

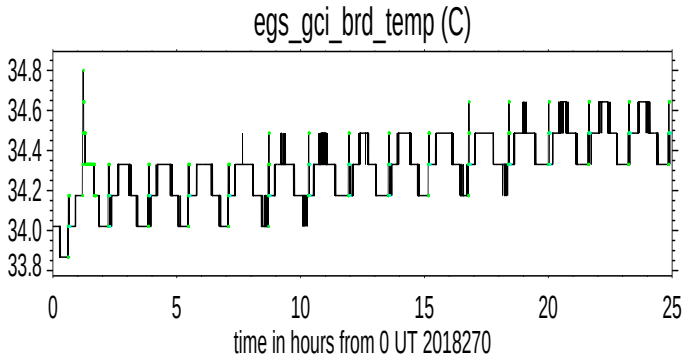

sspp_pos_1 (DEG)
113
112
111
110
109
108
0
5
10
15
20
25
time in hours from 0 UT 2018270

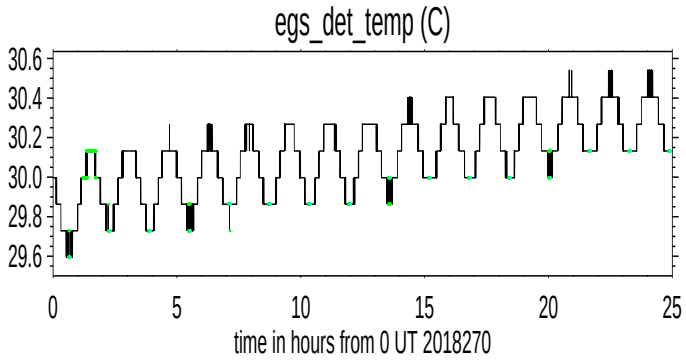

xps_5 (V)
5.04
5.02
5.00
4.98
4.96
0
5
10
15
20
25
time in hours from 0 UT 2018270

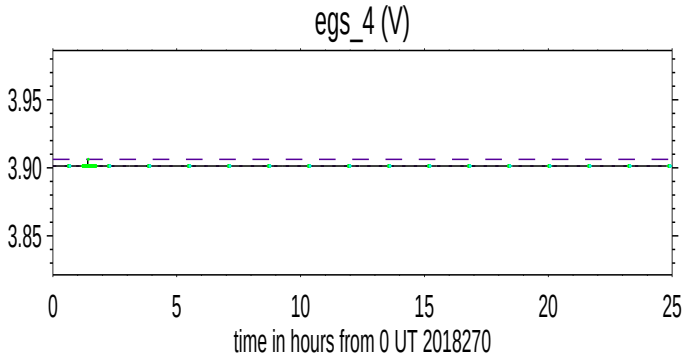

xps_pos (DN)
8
6
4
2
0
0
5
10
15
20
25
time in hours from 0 UT 2018270

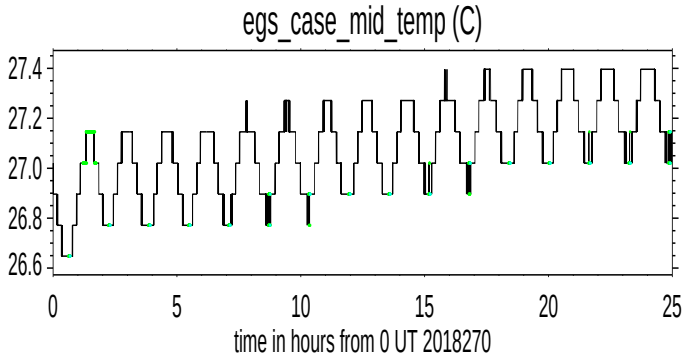

egs_door_temp (C)
31.4
31.2
31.0
30.8
30.6
30.4
30.2
0
5
10
15
20
25
time in hours from 0 UT 2018270

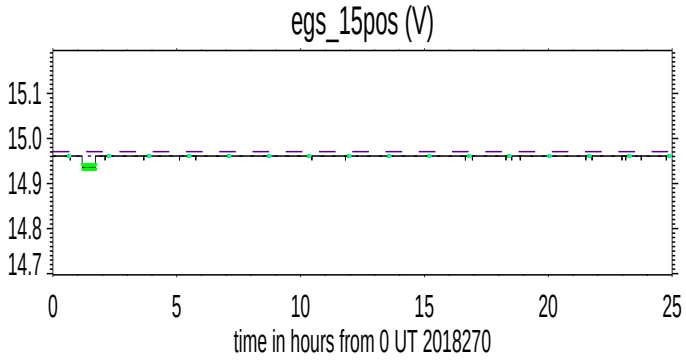

egs_cntl_fpga_temp (C)
34.4
34.2
34.0
33.8
33.6
0
5
10
15
20
25
time in hours from 0 UT 2018270

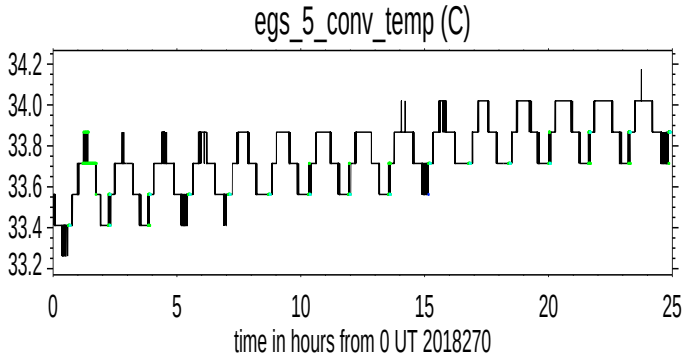

egs_gci_brd_temp (C)
34.8
34.6
34.4
34.2
34.0
33.8
0
5
10
15
20
25
time in hours from 0 UT 2018270

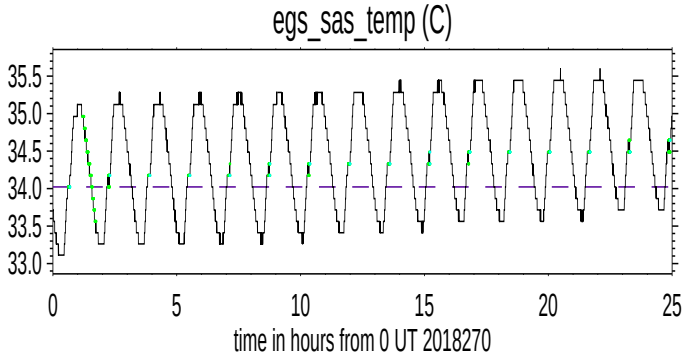

egs_det_temp (C)
30.6
30.4
30.2
30.0
29.8
29.6
0
5
10
15
20
25
time in hours from 0 UT 2018270

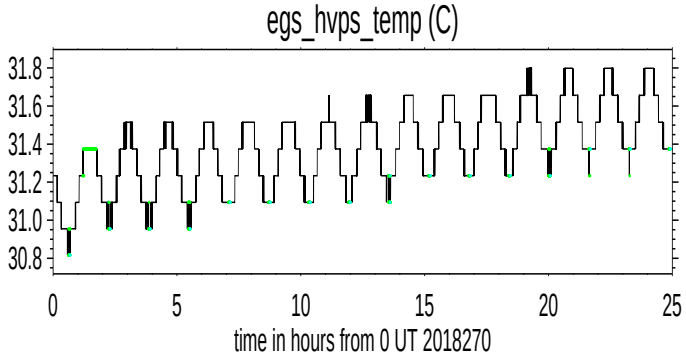

egs_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018270

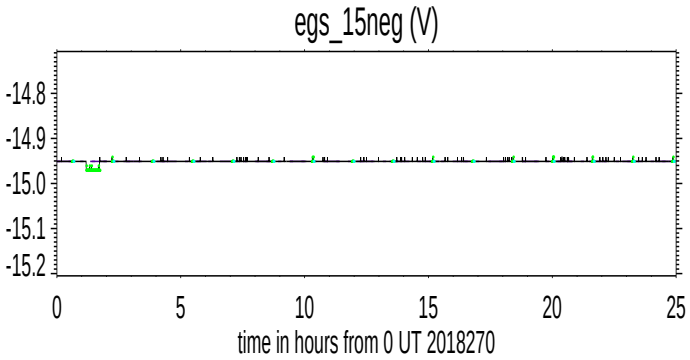

egs_case_mid_temp (C)
27.4
27.2
27.0
26.8
26.6
0
5
10
15
20
25
time in hours from 0 UT 2018270

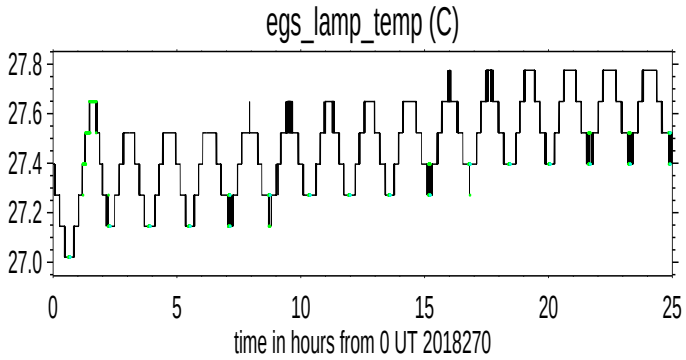

egs_15pos (V)
15.1
15.0
14.9
14.8
14.7
0
5
10
15
20
25
time in hours from 0 UT 2018270

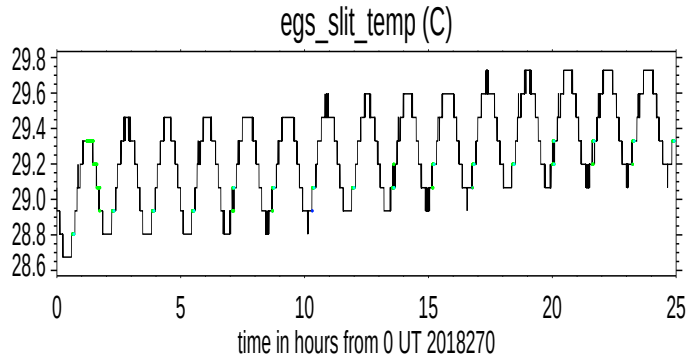

egs_5_conv_temp (C)
34.2
34.0
33.8
33.6
33.4
33.2
0
5
10
15
20
25
time in hours from 0 UT 2018270

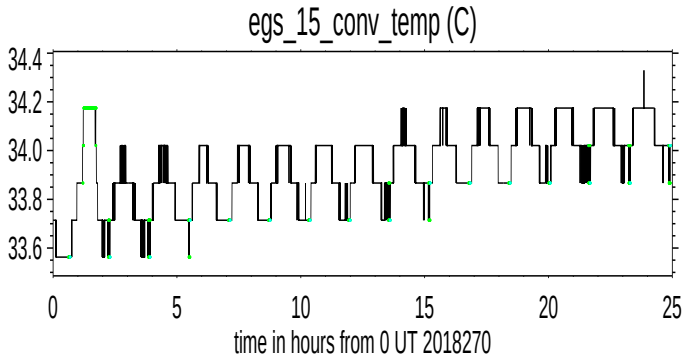

egs_sas_temp (C)
35.5
35.0
34.5
34.0
33.5
33.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

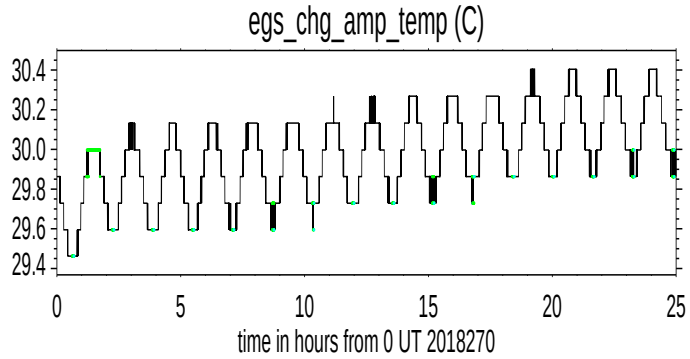

egs_hvps_temp (C)
31.8
31.6
31.4
31.2
31.0
30.8
0
5
10
15
20
25
time in hours from 0 UT 2018270

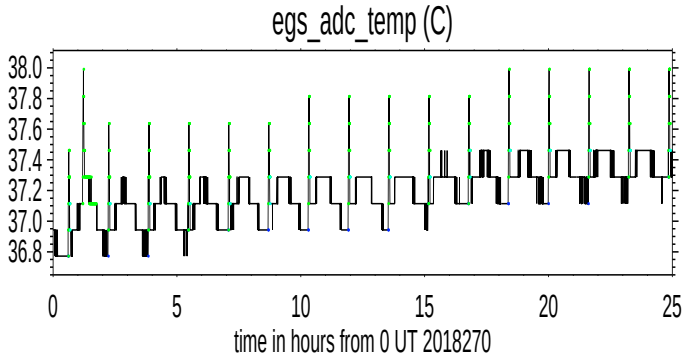

egs_15neg (V)
-14.8
-14.9
-15.0
-15.1
-15.2
0 5 10 15 20 25
time in hours from 0 UT 2018270

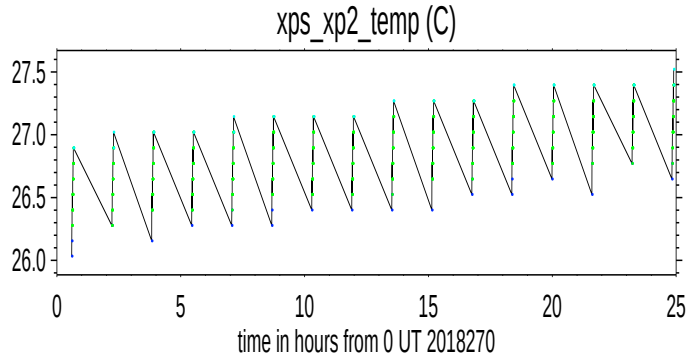

egs_lamp_temp (C)
27.8
27.6
27.4
27.2
27.0
0 5 10 15 20 25
time in hours from 0 UT 2018270

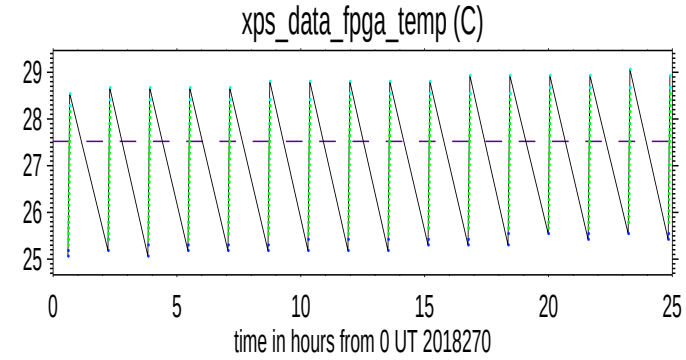

egs_slit_temp (C)
29.8
29.6
29.4
29.2
29.0
28.8
28.6
0 5 10 15 20 25
time in hours from 0 UT 2018270

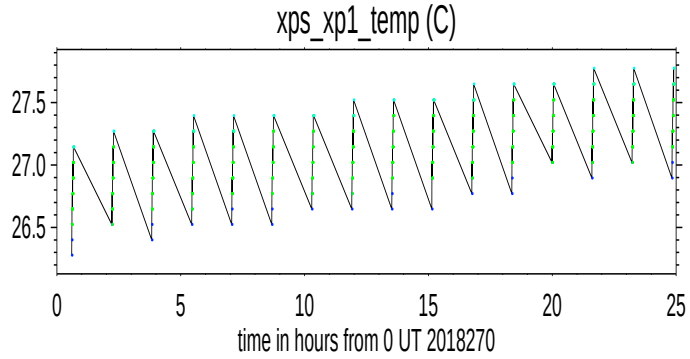

egs_15_conv_temp (C)
34.4
34.2
34.0
33.8
33.6
0 5 10 15 20 25
time in hours from 0 UT 2018270

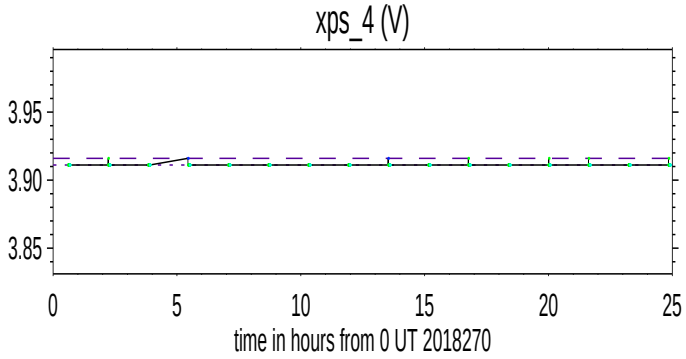

egs_chg_amp_temp (C)
30.4
30.2
30.0
29.8
29.6
29.4
0 5 10 15 20 25
time in hours from 0 UT 2018270

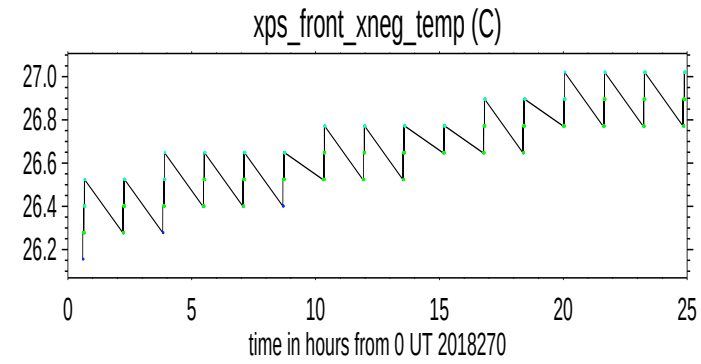

egs_adc_temp (C)
38.0
37.8
37.6
37.4
37.2
37.0
36.8
0 5 10 15 20 25
time in hours from 0 UT 2018270

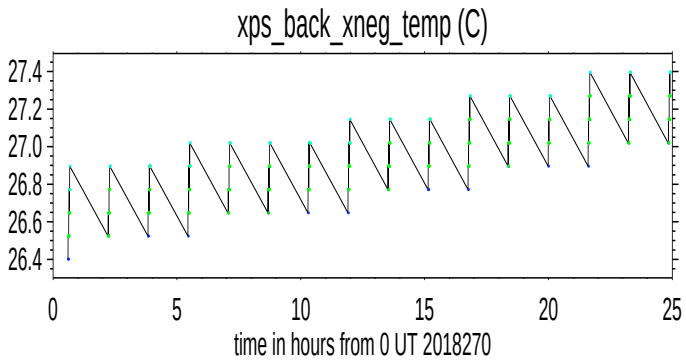

xps_xp2_temp (C)
27.5
27.0
26.5
26.0
0 5 10 15 20 25
time in hours from 0 UT 2018270

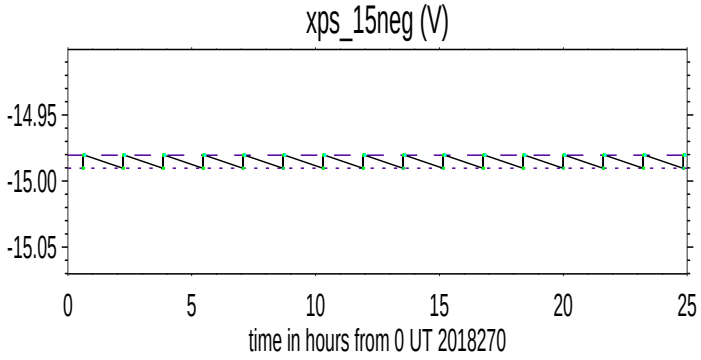

xps_data_fpga_temp (C)
29
28
27
26
25
0 5 10 15 20 25
time in hours from 0 UT 2018270

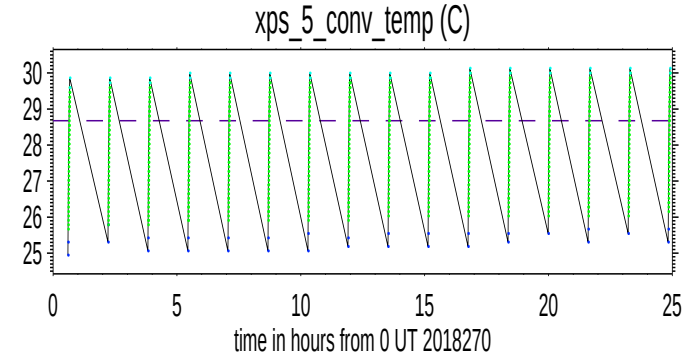

xps_xp1_temp (C)
27.5
27.0
26.5
0 5 10 15 20 25
time in hours from 0 UT 2018270

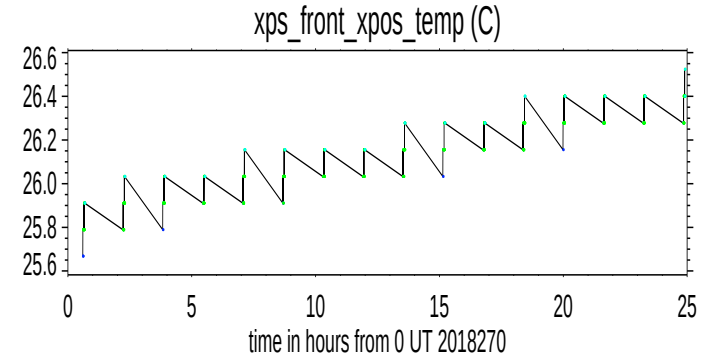

xps_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018270

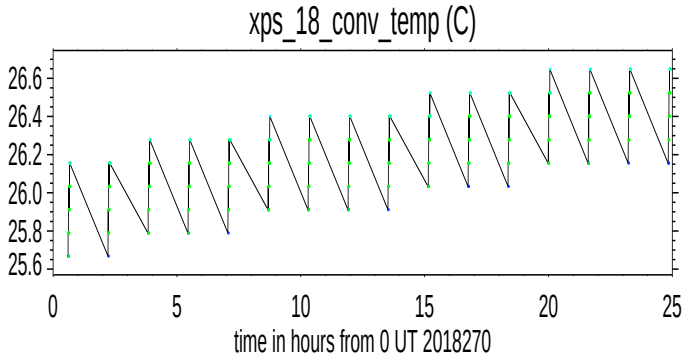

xps_front_xneg_temp (C)
27.0
26.8
26.6
26.4
26.2
0
5
10
15
20
25
time in hours from 0 UT 2018270

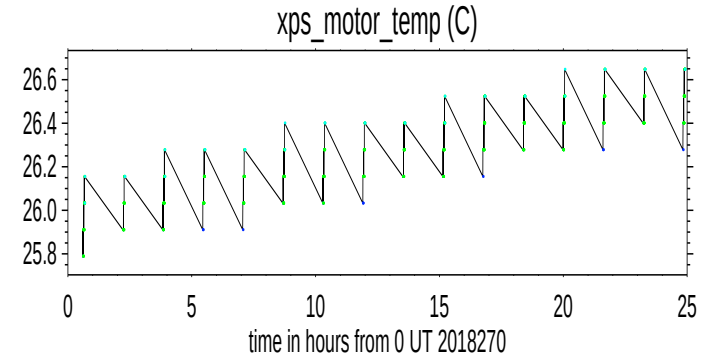

xps_back_xneg_temp (C)
27.4
27.2
27.0
26.8
26.6
26.4
0
5
10
15
20
25
time in hours from 0 UT 2018270

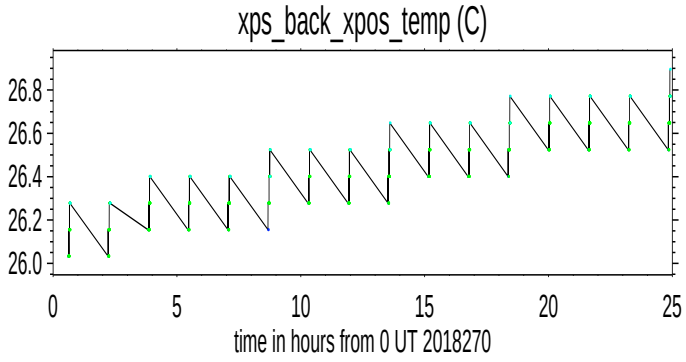

xps_15neg (V)
-14.95
-15.00
-15.05
0
5
10
15
20
25
time in hours from 0 UT 2018270

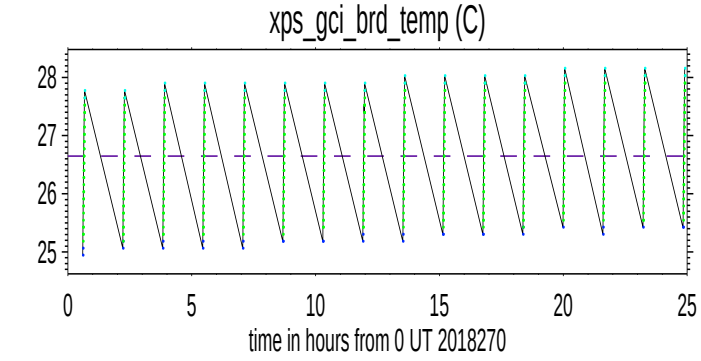

xps_5_conv_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018270

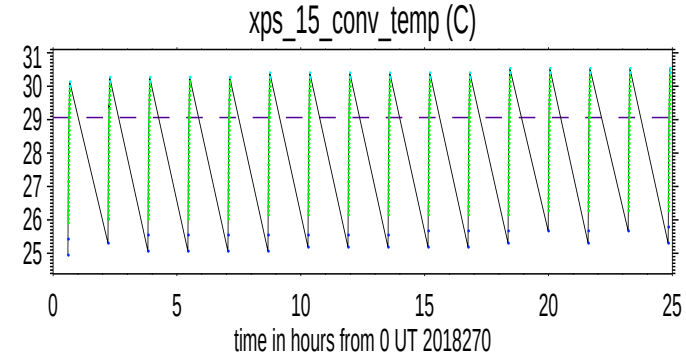

xps_front_xpos_temp (C)
26.6
26.4
26.2
26.0
25.8
25.6
0
5
10
15
20
25
time in hours from 0 UT 2018270

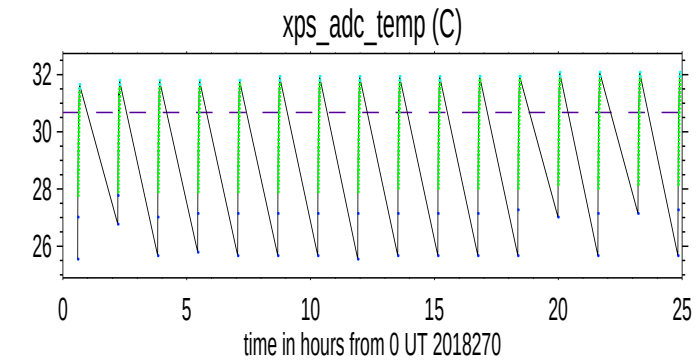

xps_18_conv_temp (C)
26.6
26.4
26.2
26.0
25.8
25.6
0
5
10
15
20
25
time in hours from 0 UT 2018270

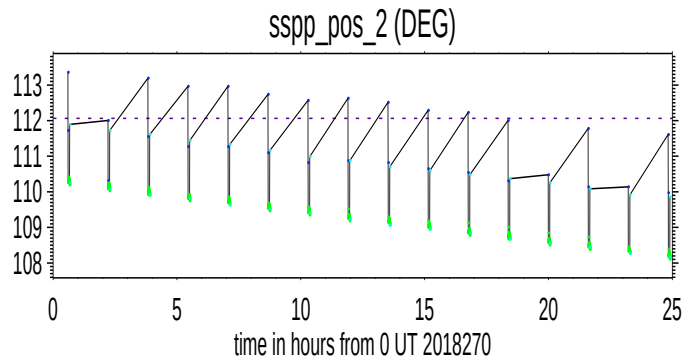

xps_motor_temp (C)
26.6
26.4
26.2
26.0
25.8
0
5
10
15
20
25
time in hours from 0 UT 2018270

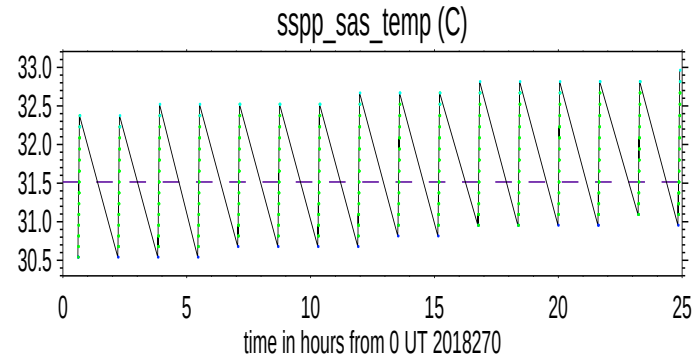

xps_back_xpos_temp (C)
26.8
26.6
26.4
26.2
26.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

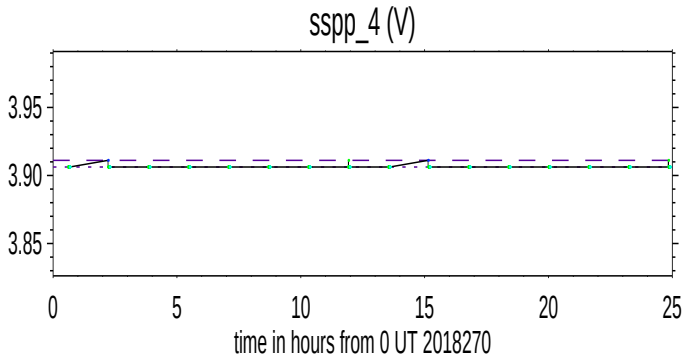

xps_gci_brd_temp (C)
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018270

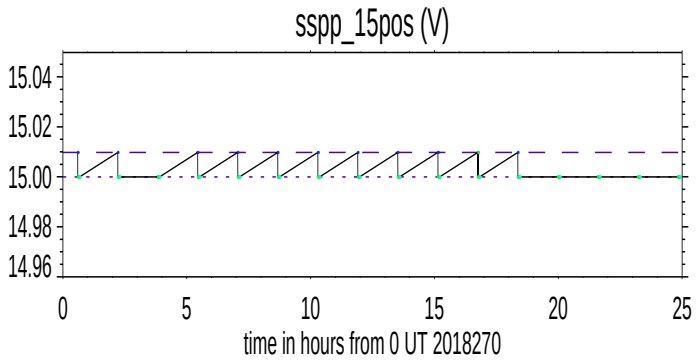

xps_15_conv_temp (C)
31
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018270

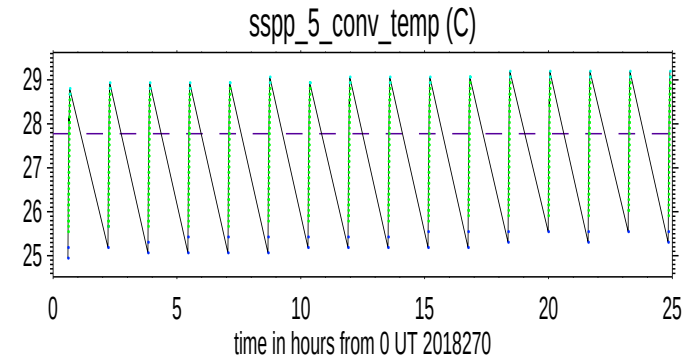

xps_adc_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018270

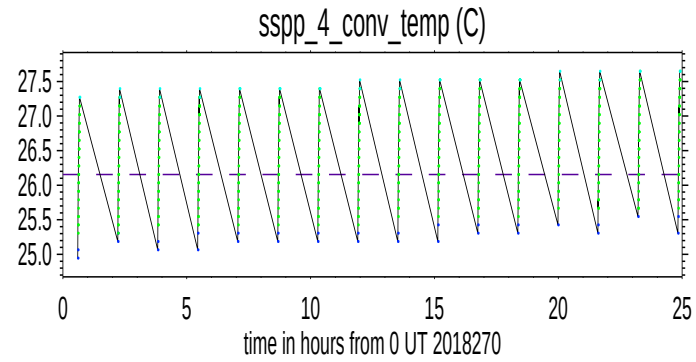

sspp_pos_2 (DEG)
113
112
111
110
109
108
0
5
10
15
20
25
time in hours from 0 UT 2018270

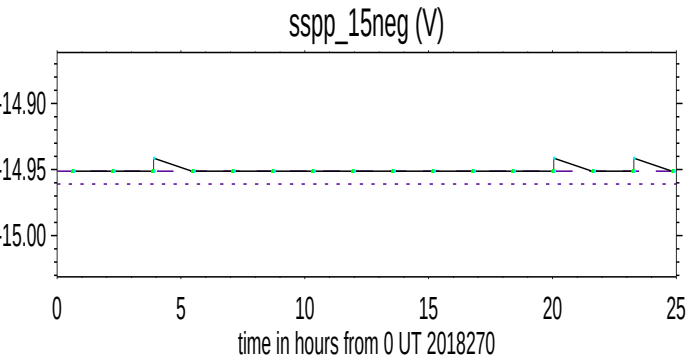

sspp_sas_temp (C)
33.0
32.5
32.0
31.5
31.0
30.5
0
5
10
15
20
25
time in hours from 0 UT 2018270

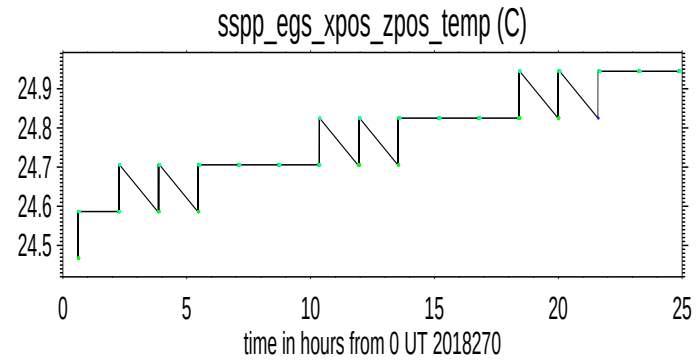

sspp_4 (V)
3.95
3.90
3.85
0
5
10
15
20
25
time in hours from 0 UT 2018270

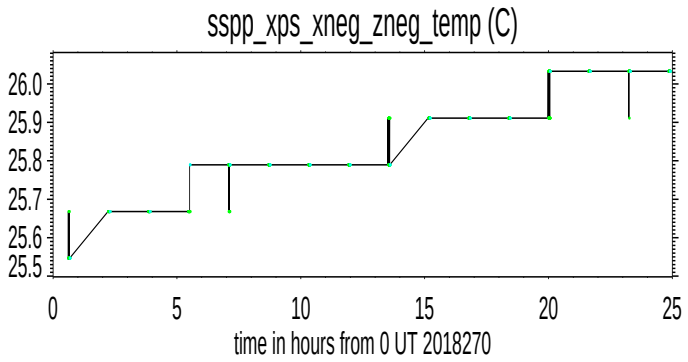

sspp_15pos (V)
15.04
15.02
15.00
14.98
14.96
0
5
10
15
20
25
time in hours from 0 UT 2018270

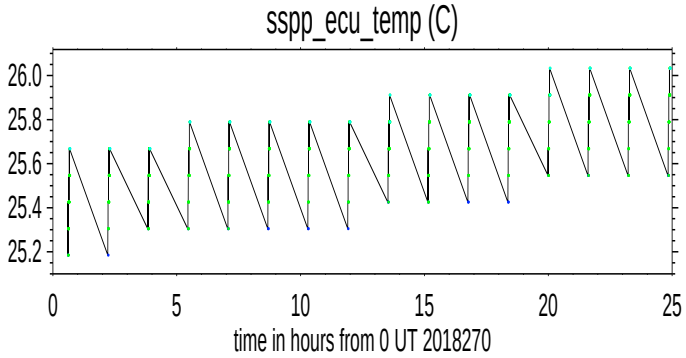

sspp_5_conv_temp (C)
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018270

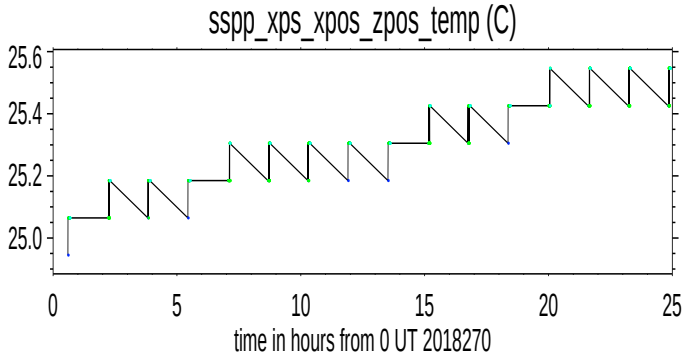

sspp_4_conv_temp (C)
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

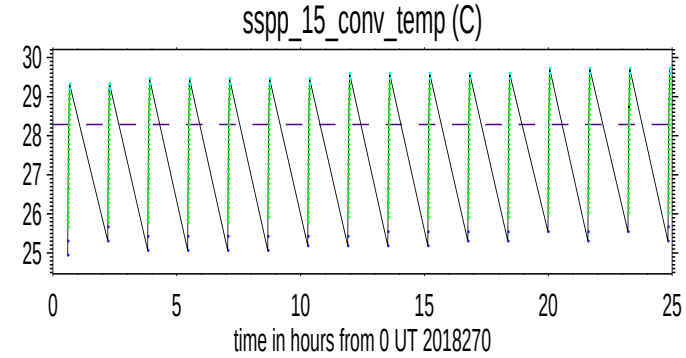

sspp_15neg (V)
-14.90
-14.95
-15.00
0
5
10
15
20
25
time in hours from 0 UT 2018270

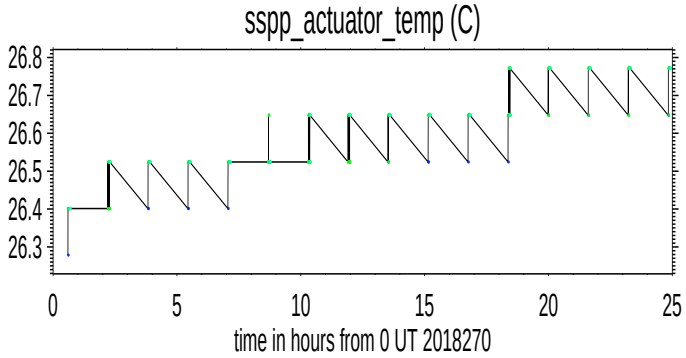

sspp_egs_xpos_zpos_temp (C)
24.9
24.8
24.7
24.6
24.5
0
5
10
15
20
25
time in hours from 0 UT 2018270

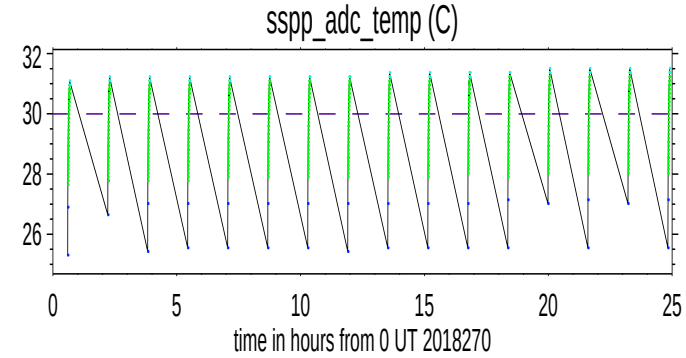

sspp_xps_xneg_zneg_temp (C)
26.0
25.9
25.8
25.7
25.6
25.5
0
5
10
15
20
25
time in hours from 0 UT 2018270

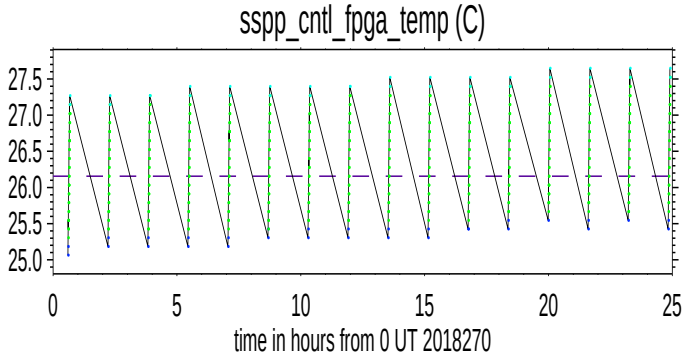

sspp_ecu_temp (C)
26.0
25.8
25.6
25.4
25.2
0
5
10
15
20
25
time in hours from 0 UT 2018270

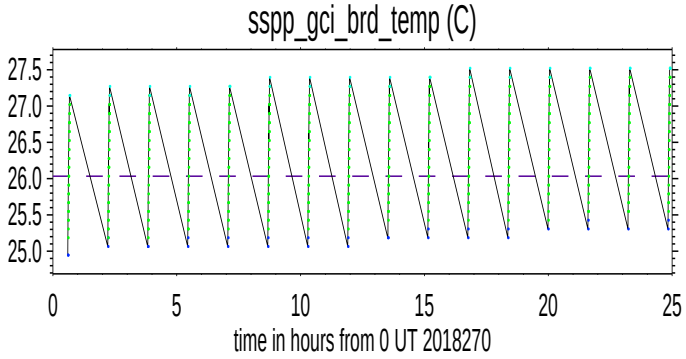

sspp_xps_xpos_zpos_temp (C)
25.6
25.4
25.2
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

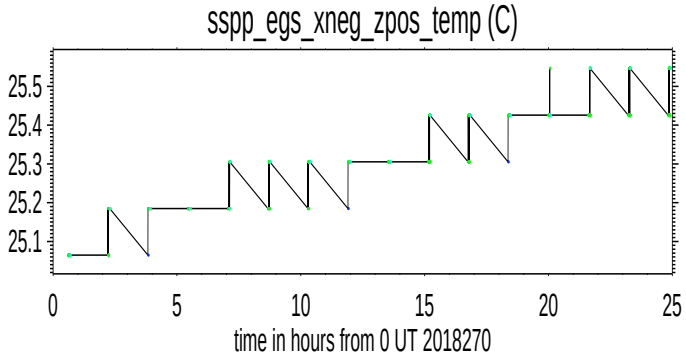

sspp_15_conv_temp (C)
30
29
28
27
26
25
0
5
10
15
20
25
time in hours from 0 UT 2018270

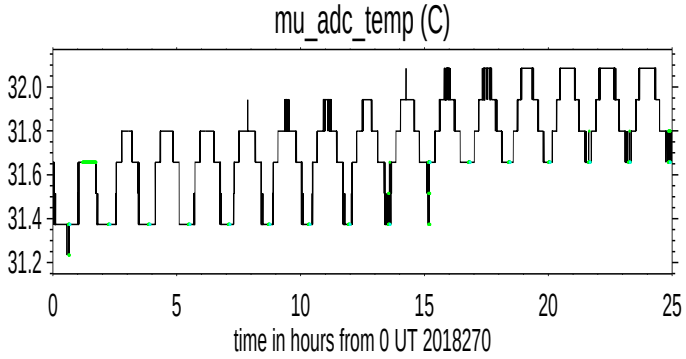

sspp_actuator_temp (C)
26.8
26.7
26.6
26.5
26.4
26.3
0
5
10
15
20
25
time in hours from 0 UT 2018270

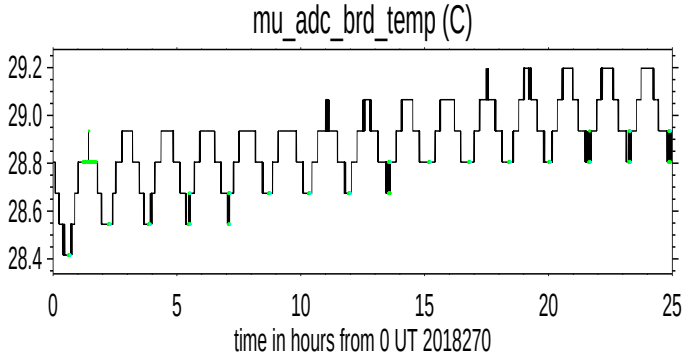

sspp_adc_temp (C)
32
30
28
26
0
5
10
15
20
25
time in hours from 0 UT 2018270

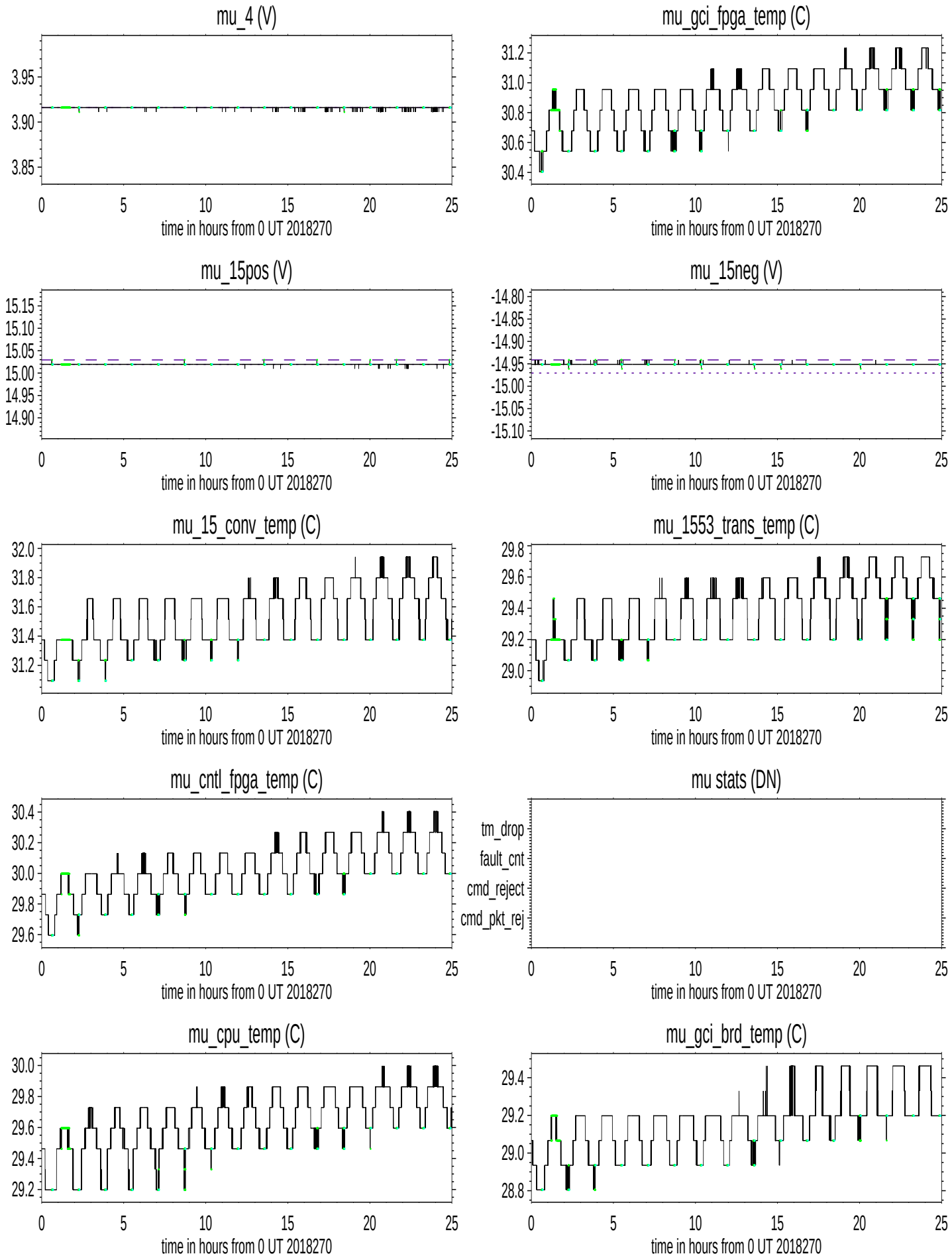

sspp_cntl_fpga_temp (C)
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

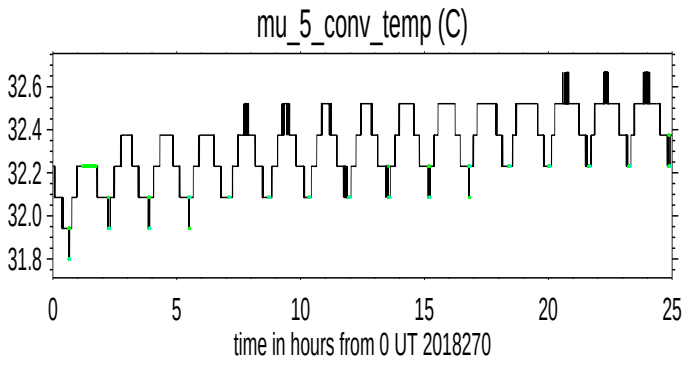

sspp_gci_brd_temp (C)
27.5
27.0
26.5
26.0
25.5
25.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

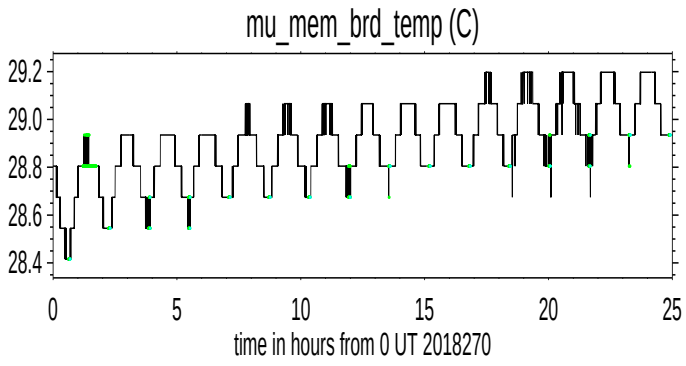

sspp_egs_xneg_zpos_temp (C)
25.5
25.4
25.3
25.2
25.1
0
5
10
15
20
25
time in hours from 0 UT 2018270

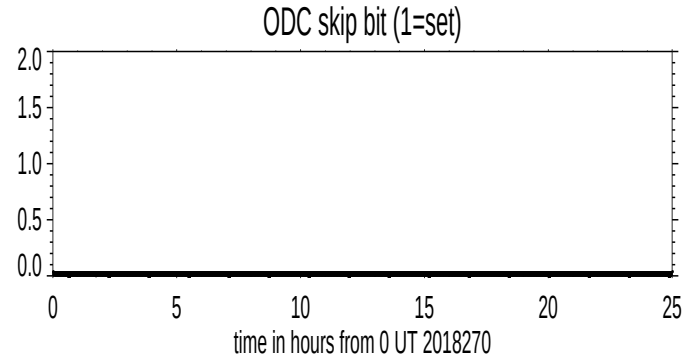

mu_adc_temp (C)
32.0
31.8
31.6
31.4
31.2
0
5
10
15
20
25
time in hours from 0 UT 2018270

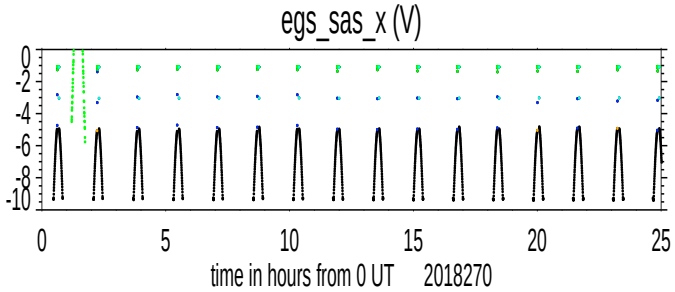

mu_adc_brd_temp (C)
29.2
29.0
28.8
28.6
28.4
0
5
10
15
20
25
time in hours from 0 UT 2018270

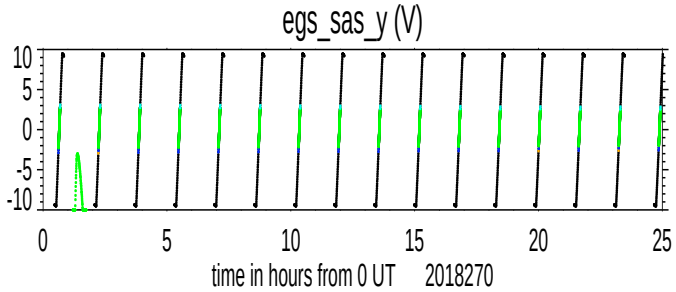

mu_4 (V)
3.95
3.90
3.85
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_gci_fpga_temp (C)
31.2
31.0
30.8
30.6
30.4
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_15pos (V)
15.15
15.10
15.05
15.00
14.95
14.90
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_15neg (V)
-14.80
-14.85
-14.90
-14.95
-15.00
-15.05
-15.10
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_15_conv_temp (C)
32.0
31.8
31.6
31.4
31.2
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_1553_trans_temp (C)
29.8
29.6
29.4
29.2
29.0
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_cntl_fpga_temp (C)
30.4
30.2
30.0
29.8
29.6
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu stats (DN)
tm_drop
fault_cnt
cmd_reject
cmd_pkt_rej
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_cpu_temp (C)
30.0
29.8
29.6
29.4
29.2
0 5 10 15 20 25
time in hours from 0 UT 2018270
mu_gci_brd_temp (C)
29.4
29.2
29.0
28.8
0 5 10 15 20 25
time in hours from 0 UT 2018270

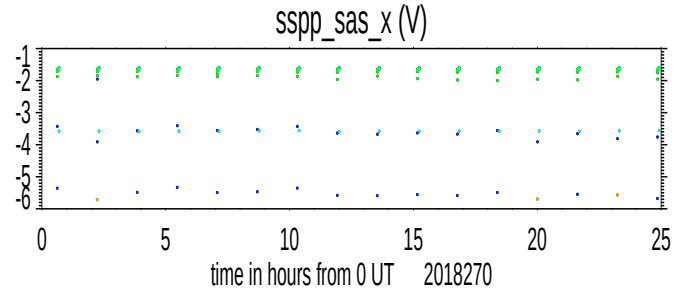

mu_5_conv_temp (C)
32.6
32.4
32.2
32.0
31.8
0
5
10
15
20
25
time in hours from 0 UT 2018270

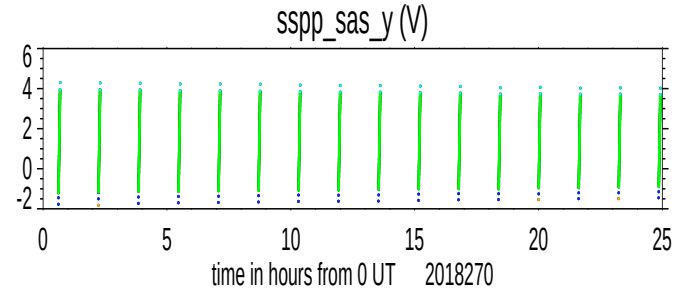

mu_mem_brd_temp (C)
29.2
29.0
28.8
28.6
28.4
0
5
10
15
20
25
time in hours from 0 UT 2018270

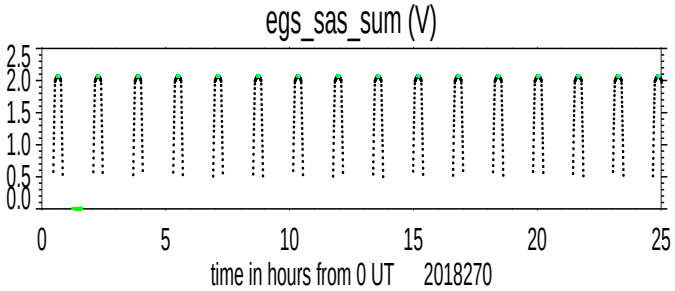

ODC skip bit (1=set)
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
time in hours from 0 UT 2018270

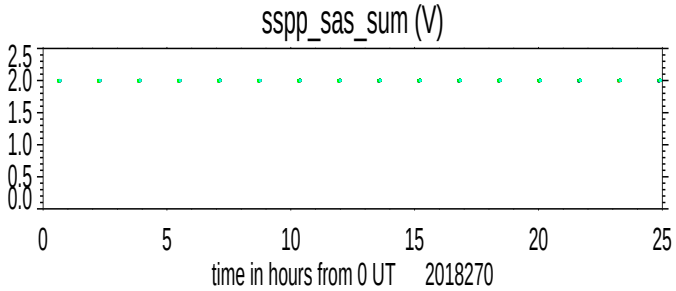

egs_sas_x (V)
time in hours from 0 UT 2018270

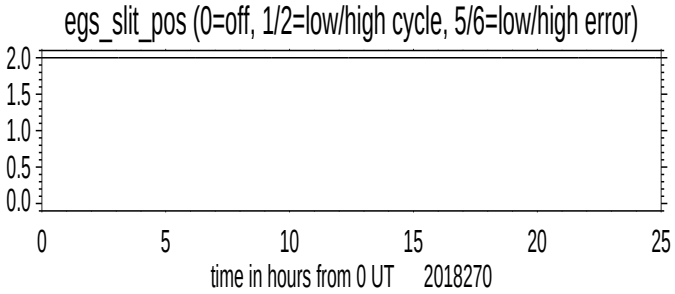

egs_sas_y (V)
time in hours from 0 UT 2018270

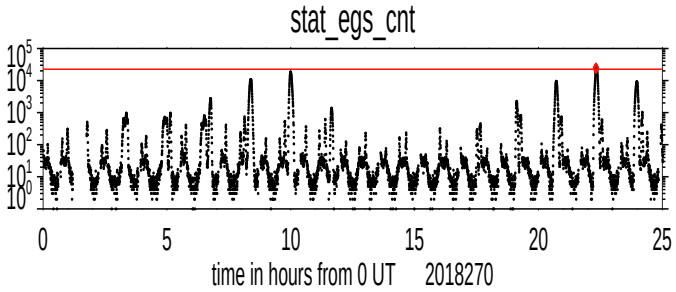

sspp_sas_x (V)
time in hours from 0 UT 2018270

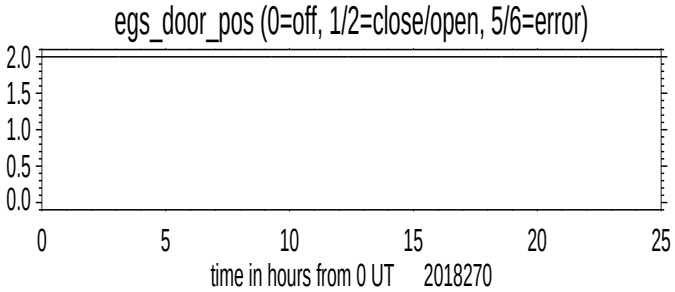

sspp_sas_y (V)
time in hours from 0 UT 2018270

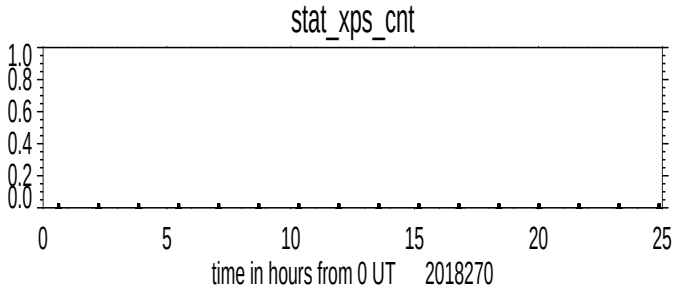

egs_sas_sum (V)
time in hours from 0 UT 2018270

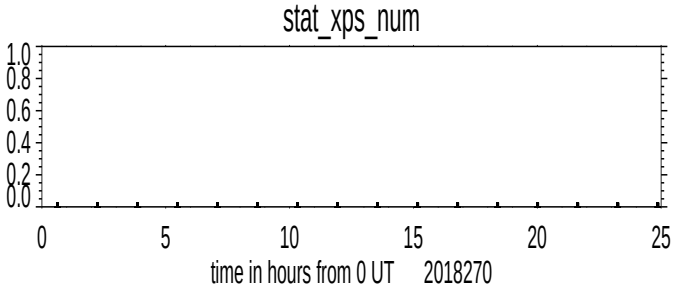

sspp_sas_sum (V)
time in hours from 0 UT 2018270

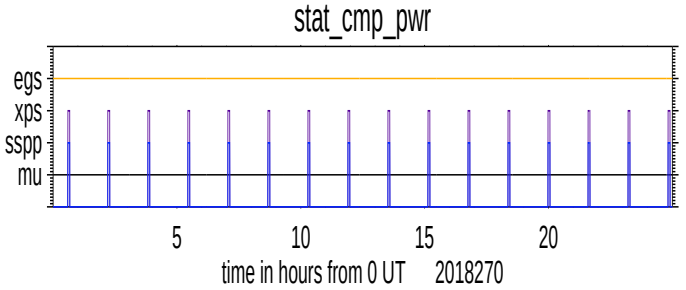

egs_slit_pos (0=off, 1/2=low/high cycle, 5/6=low/high error)
time in hours from 0 UT 2018270


stat_egs_cnt
time in hours from 0 UT 2018270

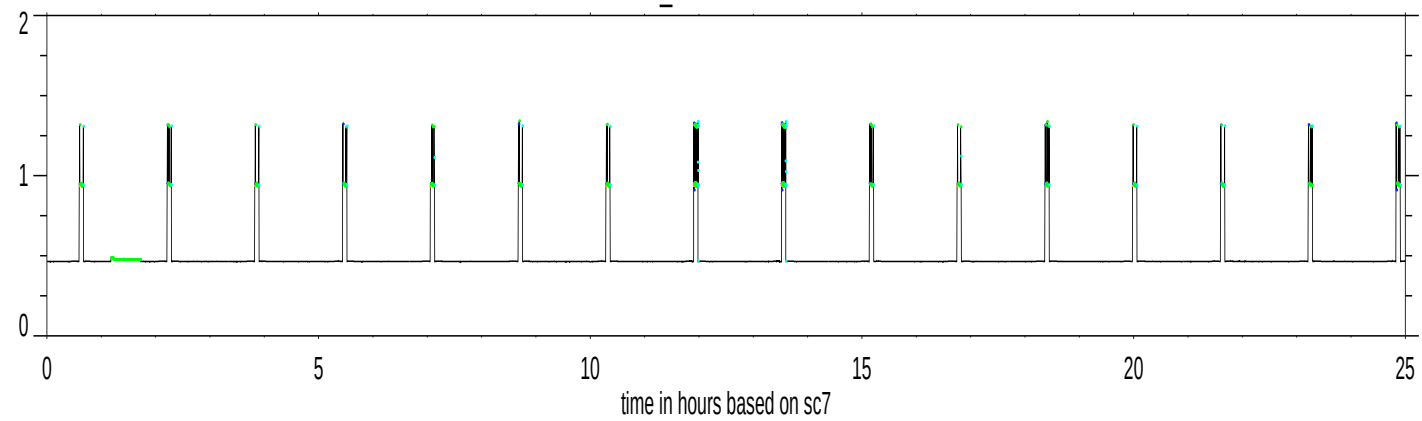

egs_door_pos (0=off, 1/2=close/open, 5/6=error)
time in hours from 0 UT 2018270


stat_xps_cnt
time in hours from 0 UT 2018270

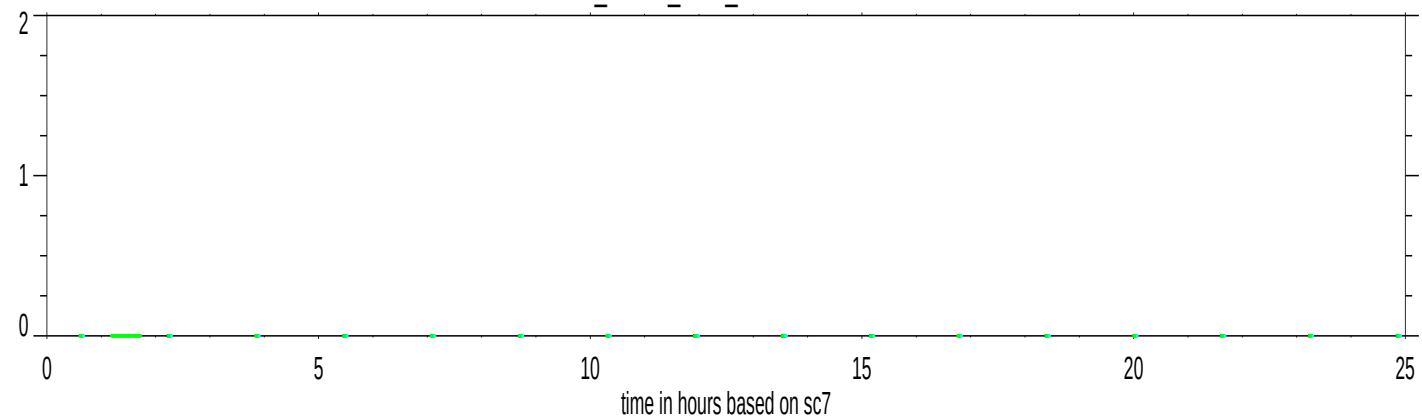

stat_xps_num
time in hours from 0 UT 2018270


stat_cmp_pwr
egs
xps
sspp
mu
time in hours from 0 UT 2018270

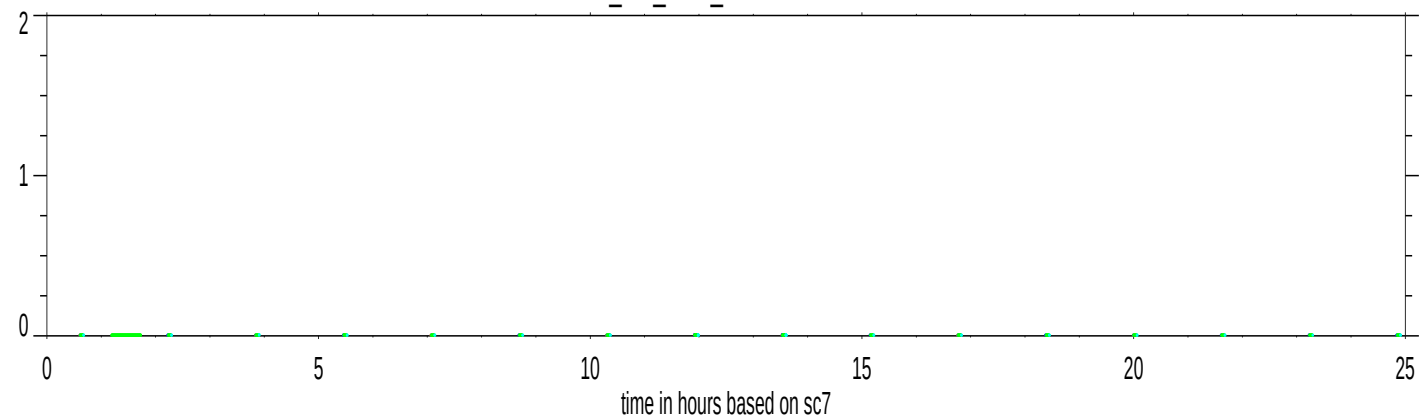
SEE_CUR 2018270



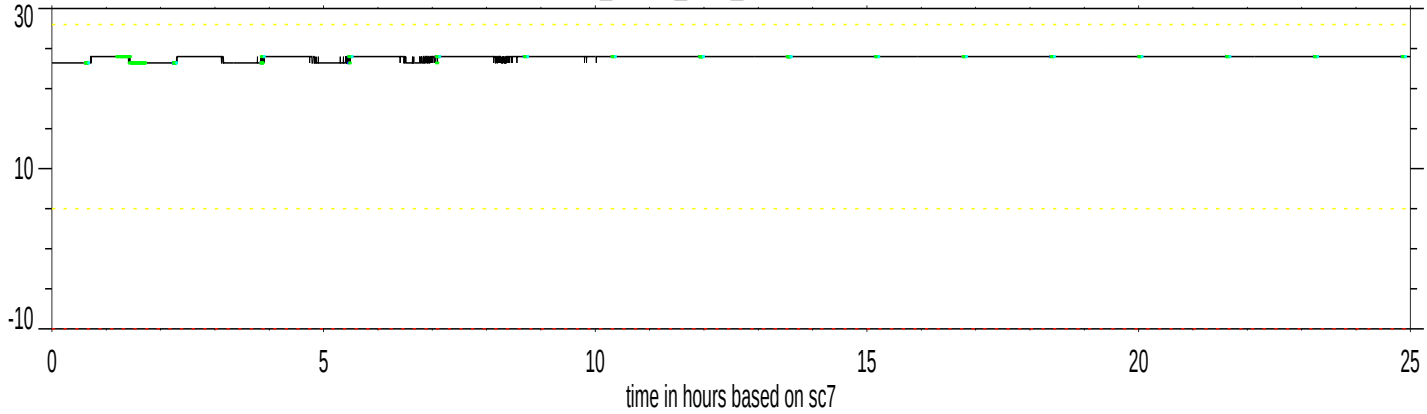

SEE_SURV_HTR_CUR 2018270



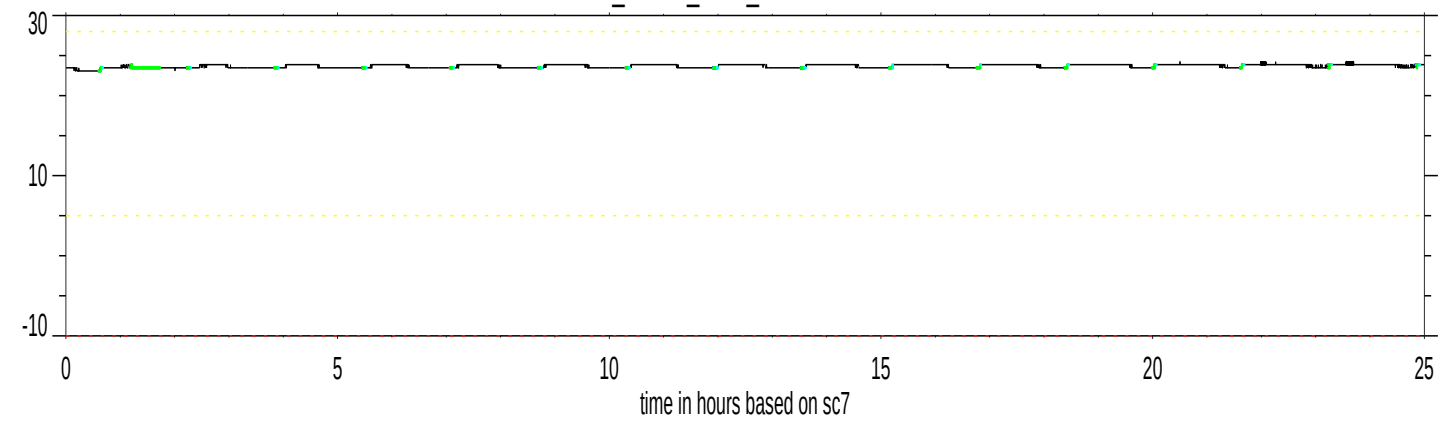

SEE_OP_HTR_CUR 2018270



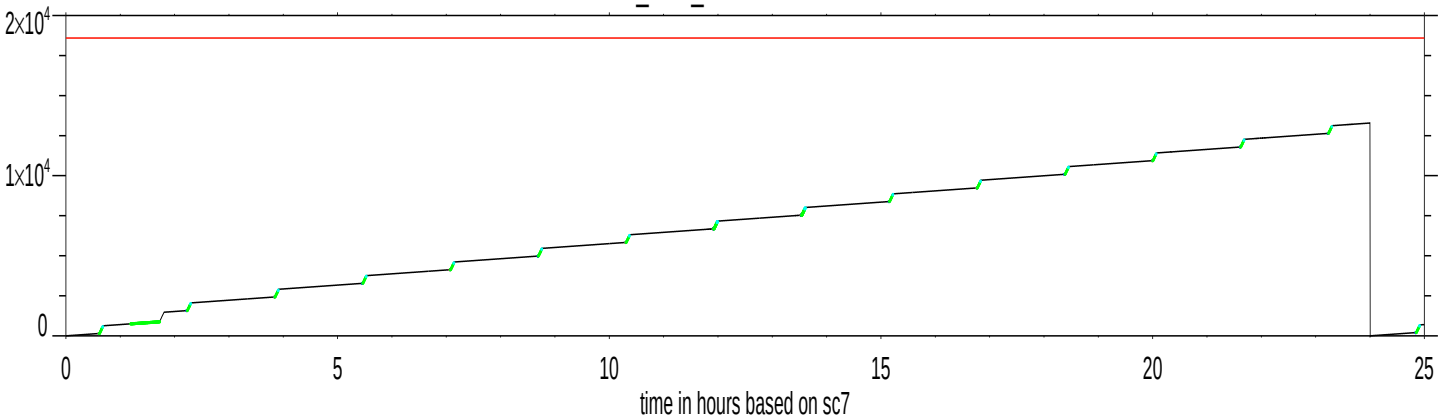

SSPP_BHND_XPS_TEMP 2018270



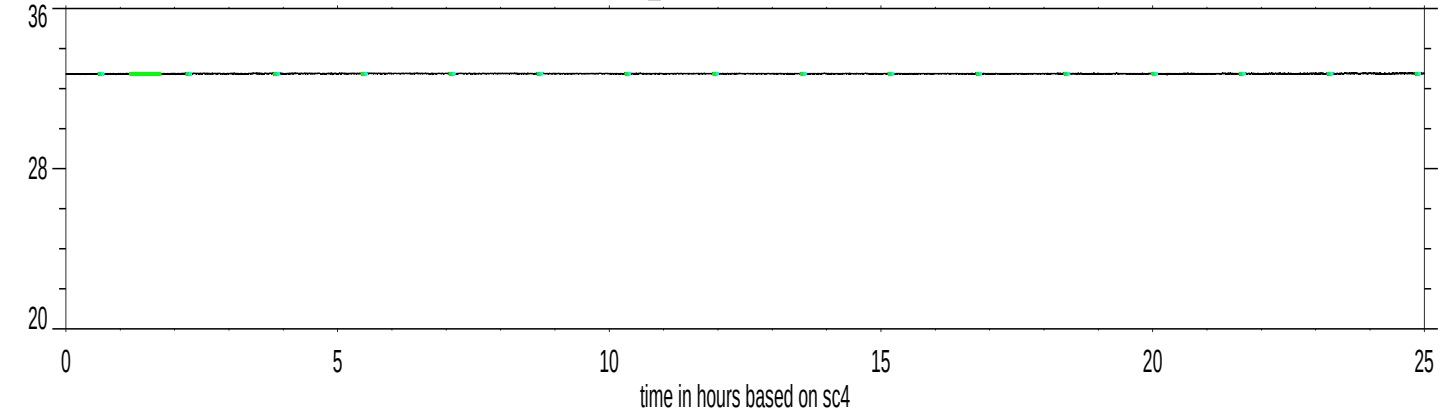
SSPP_BHND_MTR_TEMP 2018270



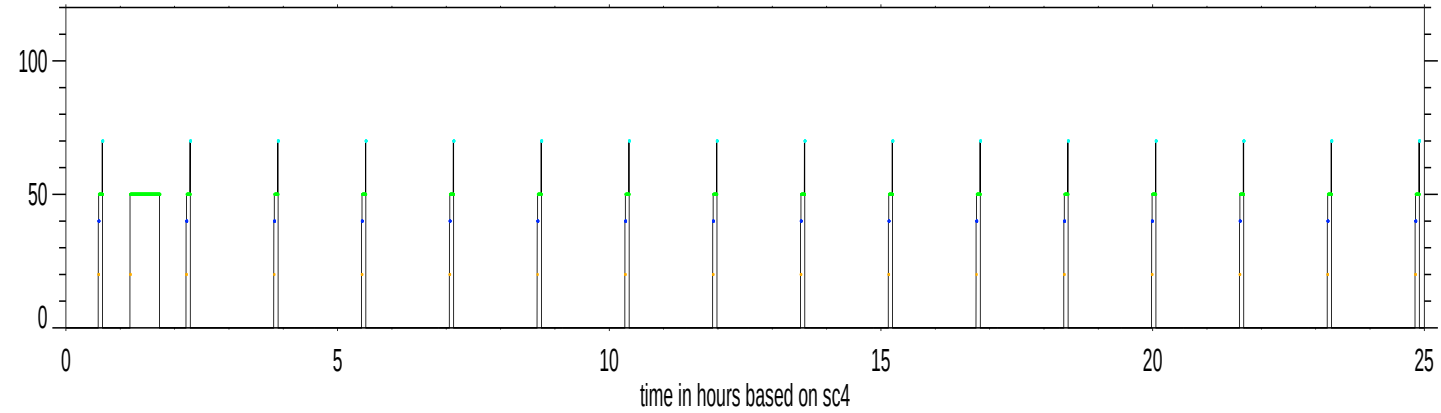

SEE_PKT_COUNT 2018270

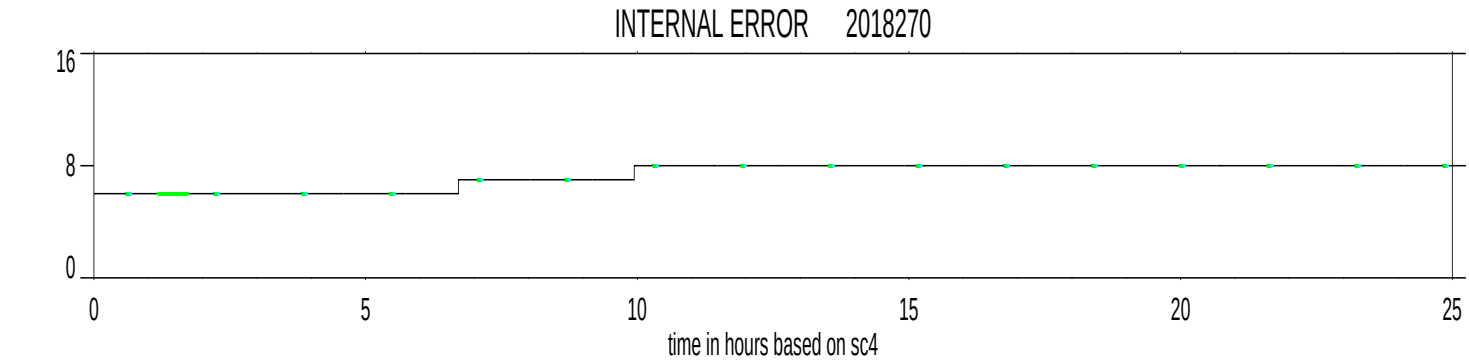


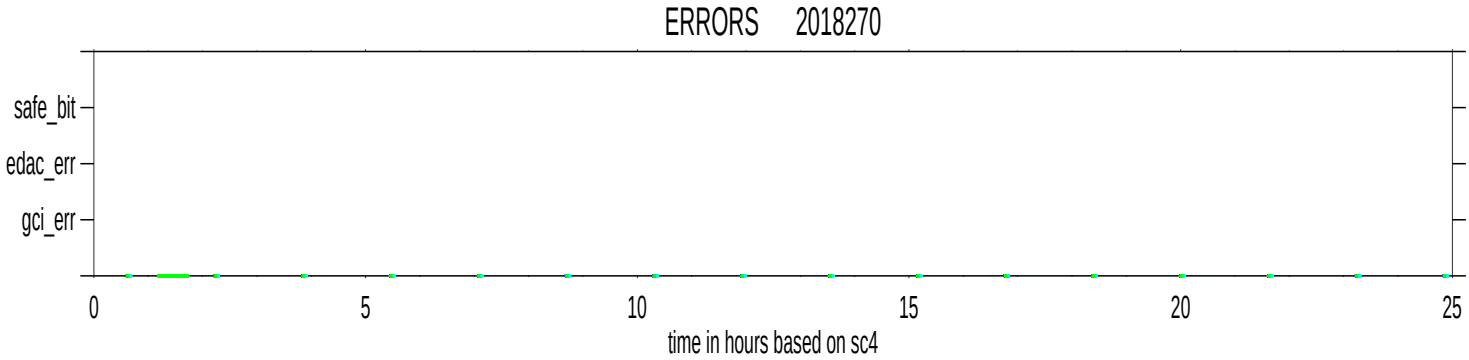

BUS_VOLTAGE 2018270

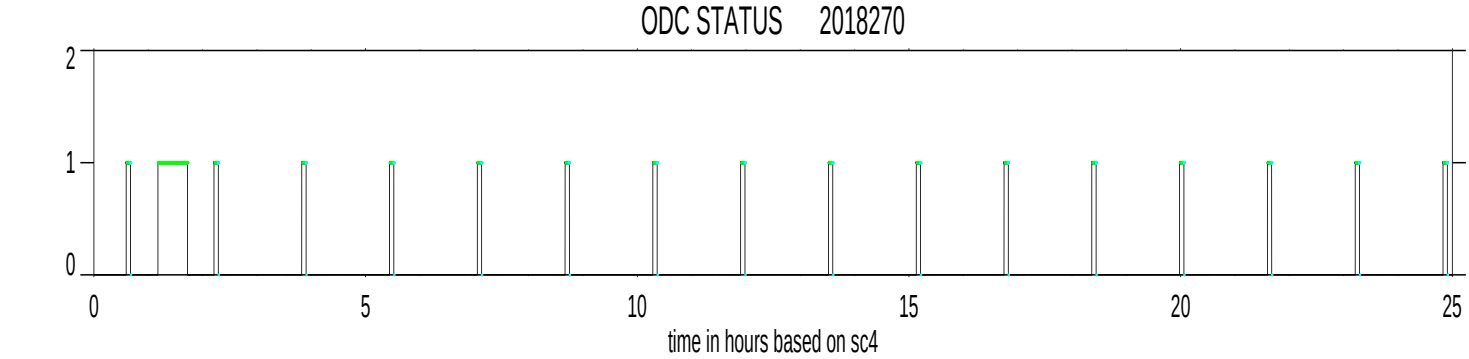


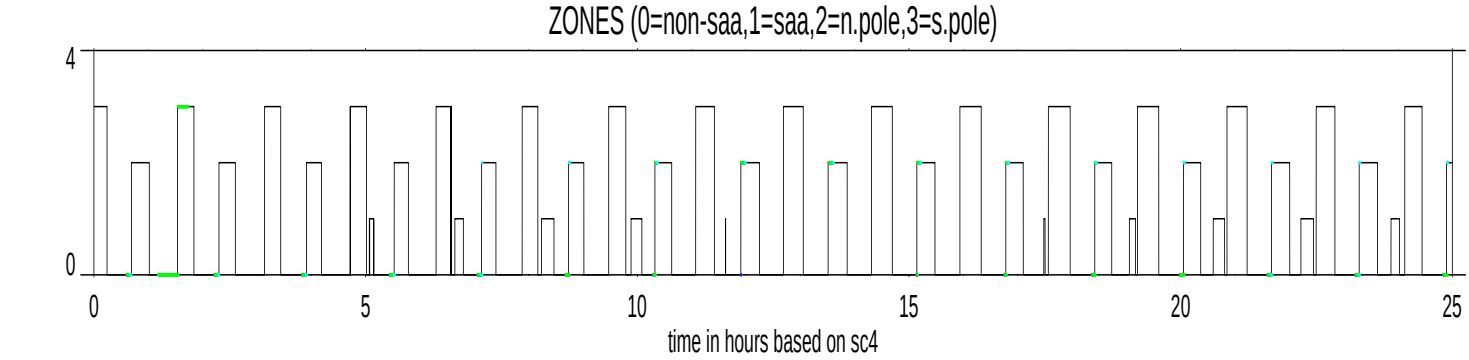

SEE_MU Operational Mode 2018270

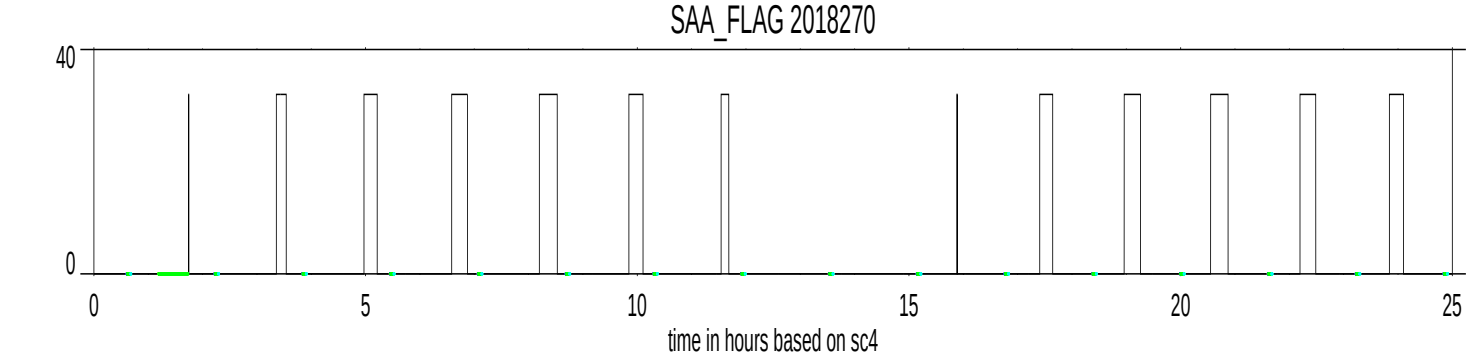


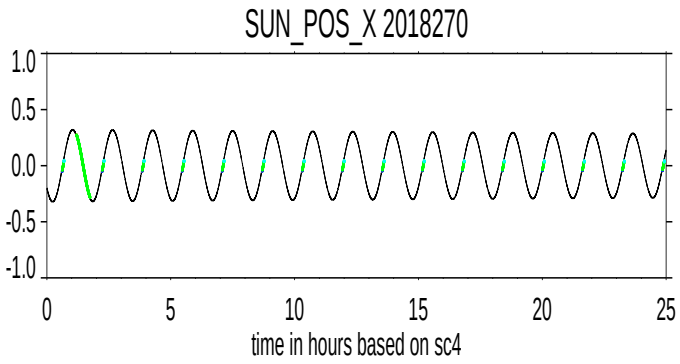

INTERNAL ERROR 2018270
16
8
0
0
5
10
15
20
25
time in hours based on sc4

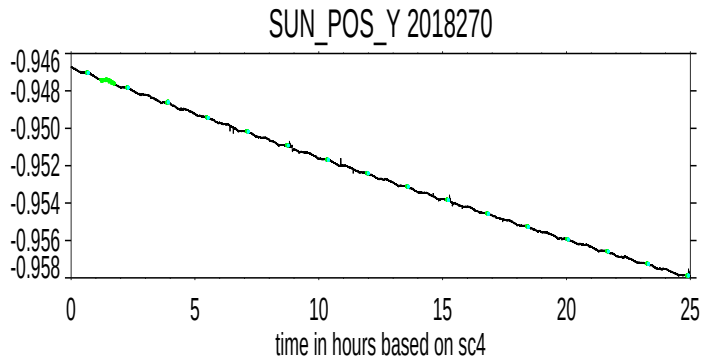

ERRORS 2018270
safe_bit
edac_err
gci_err
0
5
10
15
20
25
time in hours based on sc4

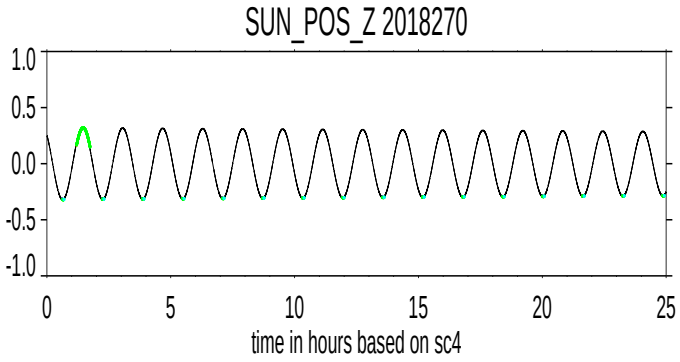

ODC STATUS 2018270
2
1
0
0
5
10
15
20
25
time in hours based on sc4

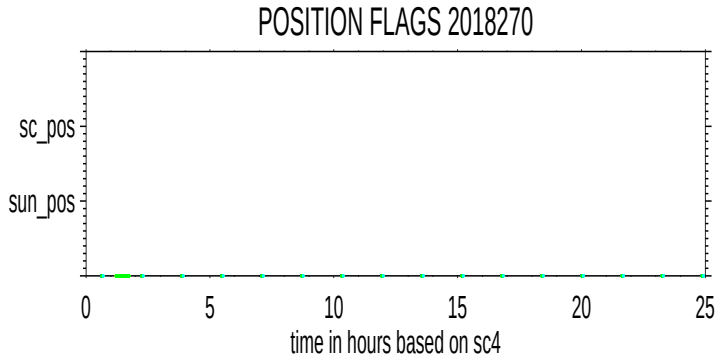

ZONES (0=non-saa,1=saa,2=n.pole,3=s.pole)
4
0
0
5
10
15
20
25
time in hours based on sc4

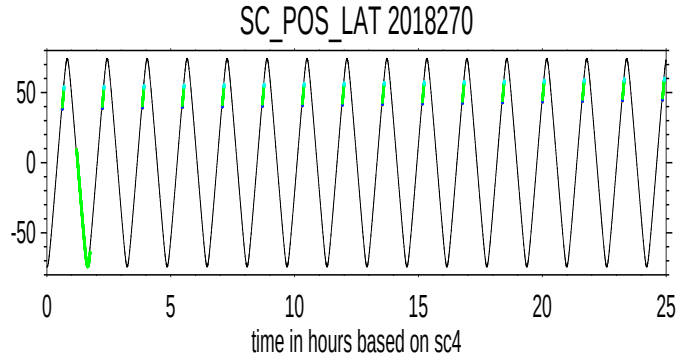

SAA_FLAG 2018270
40
0
0
5
10
15
20
25
time in hours based on sc4

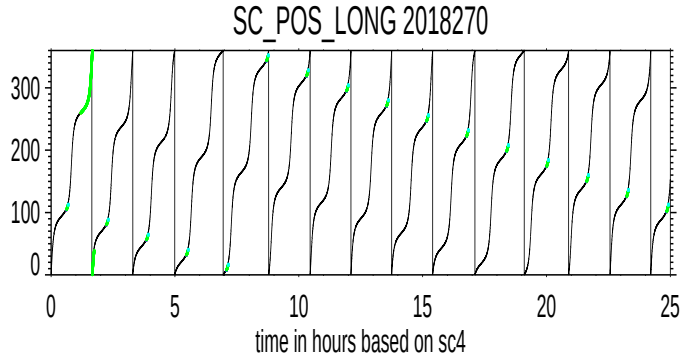

SUN_POS_X 2018270
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4

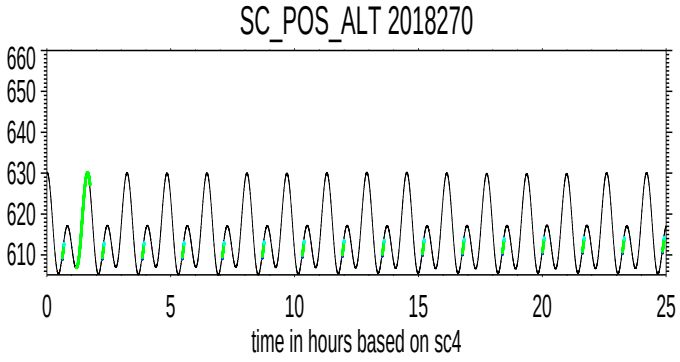

SUN_POS_Y 2018270
-0.946
-0.948
-0.950
-0.952
-0.954
-0.956
-0.958
0
5
10
15
20
25
time in hours based on sc4

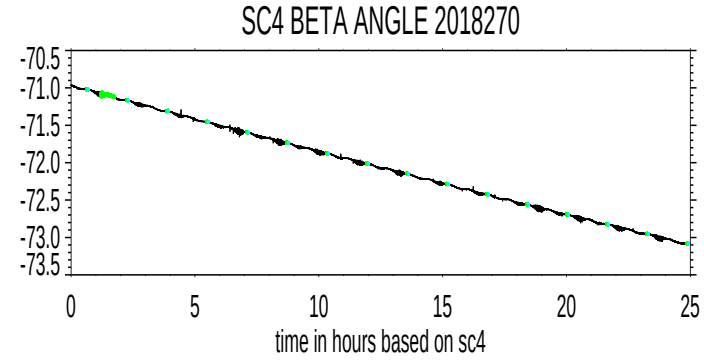

SUN_POS_Z 2018270
1.0
0.5
0.0
-0.5
-1.0
0
5
10
15
20
25
time in hours based on sc4


POSITION FLAGS 2018270
sc_pos
sun_pos
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LAT 2018270
50
0
-50
0
5
10
15
20
25
time in hours based on sc4


SC_POS_LONG 2018270
300
200
100
0
0
5
10
15
20
25
time in hours based on sc4


SC_POS_ALT 2018270
660
650
640
630
620
610
0
5
10
15
20
25
time in hours based on sc4


SC4 BETA ANGLE 2018270
-70.5
-71.0
-71.5
-72.0
-72.5
-73.0
-73.5
0
5
10
15
20
25
time in hours based on sc4